

EIC SEARCH

09823905 CLSTITLES

Titles of Most Frequently Occurring Classifications of Patents Returned

From A Search of 09823905 on November 24, 2003

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- 7 455/11.1 (1 OR, 6 XR)
Class 455 : TELECOMMUNICATIONS
455/7 CARRIER WAVE REPEATER OR RELAY SYSTEM (I.E.,
RETRANSMISSION OF SAME INFORMATION)
455/11.1 .Portable or mobile repeater
- 7 455/127.1 (2 OR, 5 XR)
Class 455 : TELECOMMUNICATIONS
455/91 TRANSMITTER
455/127.1 .Power control, power supply, or bias voltage
suppliesupply
- 7 455/466 (4 OR, 3 XR)
Class 455 : TELECOMMUNICATIONS
455/403 RADIOTELEPHONE SYSTEM
455/466 .Auxiliary data signaling (e.g., short message
service (SMS))
- 7 455/517 (1 OR, 6 XR)
Class 455 : TELECOMMUNICATIONS
455/39 TRANSMITTER AND RECEIVER AT SEPARATE STATIONS

455/500 .Plural transmitters or receivers (i.e., more
than two stations)
455/507 ..Central station (e.g., master, etc.)
455/517 ...To or from mobile station
- 6 340/870.03 (0 OR, 6 XR)
Class 340 : COMMUNICATIONS: ELECTRICAL
340/870.01 CONTINUOUSLY VARIABLE INDICATING (E.G.,
TELEMETERING)
340/870.02 .With meter reading
340/870.03 ..Having plural transmitters
- 6 370/338 (3 OR, 3 XR)
Class 370 : MULTIPLEX COMMUNICATIONS
370/310 COMMUNICATION OVER FREE SPACE
370/328 .Having a plurality of contiguous regions
served by respective fixed stations
370/338 ..Contiguous regions interconnected by a local
area network
- 6 375/308 (4 OR, 2 XR)
Class 375 : PULSE OR DIGITAL COMMUNICATIONS
375/295 TRANSMITTERS
375/302 .Angle modulation
375/308 ..Phase shift keying

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6 455/553.1 (0 OR, 6 XR)
Class 455 : TELECOMMUNICATIONS
455/73 TRANSMITTER AND RECEIVER AT SAME STATION (E.G.

TRANSCIEVER)

455/550.1	. Radiotelephone equipment detail
455/552.1	.. Operable on more than one system
455/553.1	... Radiotelephone having plural transceivers (e.g., for analog and digital, trunking and cellular, etc.)

6 455/556.1 (4 OR, 2 XR)
Class 455 : TELECOMMUNICATIONS
455/73 TRANSMITTER AND RECEIVER AT SAME STATION (E.G.

455/550.1 .Radiotelephone equipment detail
455/556.1 ..Integrated with other device

5 455/126 (0 OR, 5 XR)
Class 455 : TELECOMMUNICATIONS
455/91 TRANSMITTER
455/126 .With feedback of modulated output signal

5 455/127.2 (2 OR, 3 XR)
Class 455 : TELECOMMUNICATIONS
455/91 TRANSMITTER
455/127.1 . Power control, power supply, or bias voltage
 supply
455/127.2 .. Gain control

5 455/522 (0 OR, 5 XR)
Class 455 : TELECOMMUNICATIONS
455/39 TRANSMITTER AND RECEIVER AT SEPARATE STATIONS

455/500 .Plural transmitters or receivers (i.e., more than two stations)
455/507 ..Central station (e.g., master, etc.)
455/517 ...To or from mobile station
455/522Transmission power control technique

5 455/550.1 (2 OR, 3 XR)
Class 455 : TELECOMMUNICATIONS
455/73 TRANSMITTER AND RECEIVER AT SAME STATION (E.G.

TRANSCEIVER)

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455/550.1 .Radiotelephone equipment detail

5 455/561 (0 OR, 5 XR)

Class 455 : TELECOMMUNICATIONS

455/73 TRANSMITTER AND RECEIVER AT SAME STATION (E.G.

, TRANSCEIVER)

455/550.1 .Radiotelephone equipment detail

455/561 ..Base station detail

4 128/903 (0 OR, 4 XR)

Class 128 : SURGERY

128/903 RADIO TELEMETRY

4 128/904 (0 OR, 4 XR)

Class 128 : SURGERY

128/904 TELEPHONE TELEMETRY

4 330/295 (2 OR, 2 XR)

Class 330 : AMPLIFIERS

330/250 WITH SEMICONDUCTOR AMPLIFYING DEVICE (E.G.,
TRANSISTOR)

330/295 .Including plural amplifier channels

4 340/825.49 (0 OR, 4 XR)

Class 340 : COMMUNICATIONS: ELECTRICAL

340/825 SELECTIVE

340/825.36 .Having indication or alarm (e.g., location
indication)

340/825.49 ..Location indication

4 342/457 (2 OR, 2 XR)

Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
AND DEVICES

342/350 DIRECTIVE

342/450 .Position indicating (e.g., triangulation)

342/457 ..Land vehicle location (e.g., bus, police car

4 343/906 (1 OR, 3 XR)

Class 343 : COMMUNICATIONS: RADIO WAVE ANTENNAS

343/700R ANTENNAS

343/904 .Combined

343/906 ..With electrical connector

4 358/442 (1 OR, 3 XR)

Class 358 : FACSIMILE AND STATIC PRESENTATION PROCESSING

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358/400 FACSIMILE
358/442 .Facsimile system interface

- 4 361/686 (2 OR, 2 XR)
Class 361 : ELECTRICITY: ELECTRICAL SYSTEMS AND DEVICES
- 361/600 HOUSING OR MOUNTING ASSEMBLIES WITH DIVERSE
 ELECTRICAL COMPONENTS
361/679 .For electronic systems and devices
361/683 ..Computer related support
361/686 ...Input/output device support
- 4 370/311 (1 OR, 3 XR)
Class 370 : MULTIPLEX COMMUNICATIONS
370/310 COMMUNICATION OVER FREE SPACE
370/311 .Signaling for performing battery saving
- 4 370/315 (0 OR, 4 XR)
Class 370 : MULTIPLEX COMMUNICATIONS
370/310 COMMUNICATION OVER FREE SPACE
370/315 .Repeater
- 4 370/350 (2 OR, 2 XR)
Class 370 : MULTIPLEX COMMUNICATIONS
370/310 COMMUNICATION OVER FREE SPACE
370/345 .Combining or distributing information via tim
e
 channels
370/350 ..Synchronization
- 4 375/345 (0 OR, 4 XR)
Class 375 : PULSE OR DIGITAL COMMUNICATIONS
375/316 RECEIVERS
375/345 .Automatic gain control
- 4 455/462 (1 OR, 3 XR)
Class 455 : TELECOMMUNICATIONS
455/403 RADIOTELEPHONE SYSTEM
455/462 .Including private cordless extension system
- 4 455/503 (4 OR, 0 XR)
Class 455 : TELECOMMUNICATIONS
455/39 TRANSMITTER AND RECEIVER AT SEPARATE STATIONS
455/500 .Plural transmitters or receivers (i.e., more
 than two stations)
455/501 ..Noise, distortion, or singing reduction
455/502 ...Synchronized stations

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455/503Simulcast system

672 (1 OR, 3 XR)
Class 455 : TELECOMMUNICATIONS
455/73 TRANSMITTER AND RECEIVER AT SAME STATION (E.G.
TRANSCeIVER)
455/550.1 .Radiotelephone equipment detail
455/572 ..Power supply

59 (2 OR, 2 XR)
Class 455 : TELECOMMUNICATIONS
455/39 TRANSMITTER AND RECEIVER AT SEPARATE STATIONS
455/68 .With control signal
455/69 ..Transmitter controlled by signal feedback
from receiver

73 (1 OR, 3 XR)
Class 455 : TELECOMMUNICATIONS
455/73 TRANSMITTER AND RECEIVER AT SAME STATION (E.G.
TRANSCeIVER)

202.2 (2 OR, 1 XR)
Class 102 : AMMUNITION AND EXPLOSIVES
102/200 IGNITING DEVICES AND SYSTEMS
102/202.1 .Accidental fuse ignition prevention means
102/202.2 ..Having electromagnetic field effects
diminishing or elimination means

162.45 (0 OR, 3 XR)
Class 235 : REGISTERS
235/435 CODED RECORD SENSORS
235/439 .Particular sensor structure
235/454 ..Optical
235/462.01 ...Bar code
235/462.43Specified housing or mounting detail
235/462.45Hand-held (e.g., portable)

472.02 (1 OR, 2 XR)
Class 235 : REGISTERS
235/435 CODED RECORD SENSORS
235/439 .Particular sensor structure
235/454 ..Optical
235/472.01 ...Hand-held (e.g., portable)
235/472.02Wireless link (e.g., RF, IR, etc.)

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3 330/149 (1 OR, 2 XR)
Class 330 : AMPLIFIERS
330/149 HUM OR NOISE OR DISTORTION BUCKING INTRODUCED
INTO SIGNAL CHANNEL

3 330/51 (2 OR, 1 XR)
Class 330 : AMPLIFIERS
330/51 COMBINED WITH AUTOMATIC AMPLIFIER DISABLING
SWITCH MEANS

3 330/9 (0 OR, 3 XR)
Class 330 : AMPLIFIERS
330/9 WITH PERIODIC SWITCHING INPUT-OUTPUT (E.G., FO
R DRIFT CORRECTION)

3 340/310.01 (0 OR, 3 XR)
Class 340 : COMMUNICATIONS: ELECTRICAL
340/286.01 SYSTEMS
340/310.01 .Signal over power line

3 343/841 (0 OR, 3 XR)
Class 343 : COMMUNICATIONS: RADIO WAVE ANTENNAS
343/700R ANTENNAS
343/841 .With electrical shield

3 345/169 (1 OR, 2 XR)
Class 345 : COMPUTER GRAPHICS PROCESSING, OPERATOR
INTERFACE PROCESSING, AND SELECTIVE VISUAL
DISPLAY SYSTEMS
345/156 DISPLAY PERIPHERAL INTERFACE INPUT DEVICE
345/168 .Including keyboard
345/169 ..Portable (i.e., handheld, calculator, remote
controller)

3 345/173 (2 OR, 1 XR)
Class 345 : COMPUTER GRAPHICS PROCESSING, OPERATOR
INTERFACE PROCESSING, AND SELECTIVE VISUAL
DISPLAY SYSTEMS
345/156 DISPLAY PERIPHERAL INTERFACE INPUT DEVICE
345/173 .Touch panel

3 370/337 (2 OR, 1 XR)
Class 370 : MULTIPLEX COMMUNICATIONS
370/310 COMMUNICATION OVER FREE SPACE
370/328 .Having a plurality of contiguous regions

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served by respective fixed stations

370/329 ..Channel assignment

370/336 ...Combining or distributing information via time channels

370/337Multiple access (e.g., TDMA)

3 370/342 (1 OR, 2 XR)

Class 370 : MULTIPLEX COMMUNICATIONS

370/310 COMMUNICATION OVER FREE SPACE

370/342 .Combining or distributing information via code word channels using multiple access techniques (e.g., CDMA)

3 375/133 (1 OR, 2 XR)

Class 375 : PULSE OR DIGITAL COMMUNICATIONS

375/130 SPREAD SPECTRUM

375/132 .Frequency hopping

375/133 ..End-to-end transmission system

3 375/223 (0 OR, 3 XR)

Class 375 : PULSE OR DIGITAL COMMUNICATIONS

375/219 TRANSCEIVERS

375/222 .Modems (data sets)

375/223 ..Angle modulation

3 375/316 (1 OR, 2 XR)

Class 375 : PULSE OR DIGITAL COMMUNICATIONS

375/316 RECEIVERS

3 379/27.01 (1 OR, 2 XR)

Class 379 : TELEPHONIC COMMUNICATIONS

379/1.01 DIAGNOSTIC TESTING, MALFUNCTION INDICATION, OR ELECTRICAL CONDITION MEASUREMENT

379/27.01 .Testing of subscriber loop or terminal

3 380/274 (3 OR, 0 XR)

Class 380 : CRYPTOGRAPHY

380/255 COMMUNICATION SYSTEM USING CRYPTOGRAPHY

380/270 .Wireless communication

380/274 ..Synchronization

3 455/115.1 (1 OR, 2 XR)

Class 455 : TELECOMMUNICATIONS

455/91 TRANSMITTER

455/115.1 .Measuring, testing, or monitoring of transmitter

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- 3 455/116 (0 OR, 3 XR)
Class 455 : TELECOMMUNICATIONS
455/91 TRANSMITTER
455/116 .Carrier amplitude control (e.g., voice
operated on/off)
- 3 455/127.4 (0 OR, 3 XR)
Class 455 : TELECOMMUNICATIONS
455/91 TRANSMITTER
455/127.1 .Power control, power supply, or bias voltage
supply
455/127.4 ..Dual mode (e.g., analog and digital)
- 3 455/18 (1 OR, 2 XR)
Class 455 : TELECOMMUNICATIONS
455/7 CARRIER WAVE REPEATER OR RELAY SYSTEM (I.E.,
RETRANSMISSION OF SAME INFORMATION)
455/18 .With delay or recording
- 3 455/282 (0 OR, 3 XR)
Class 455 : TELECOMMUNICATIONS
455/130 RECEIVER OR ANALOG MODULATED SIGNAL FREQUENCY
CONVERTER
455/269 .With wave collector (e.g., antenna)
455/280 ..With coupling to a stage of the receiver
455/281 ...Having distributed parameters
455/282Transmission line
- 3 455/343.1 (0 OR, 3 XR)
Class 455 : TELECOMMUNICATIONS
455/130 RECEIVER OR ANALOG MODULATED SIGNAL FREQUENCY
CONVERTER
455/334 .With particular receiver circuit
455/343.1 ..Having particular power or bias supply
(including self-powered or battery saving m
eans)
- 3 455/412.1 (3 OR, 0 XR)
Class 455 : TELECOMMUNICATIONS
455/403 RADIOTELEPHONE SYSTEM
455/412.1 .Message storage or retrieval
- 3 455/422.1 (2 OR, 1 XR)
Class 455 : TELECOMMUNICATIONS
455/403 RADIOTELEPHONE SYSTEM
455/422.1 .Zoned or cellular telephone system

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- 3 455/423 (1 OR, 2 XR)
Class 455 : TELECOMMUNICATIONS
455/403 RADIOTELEPHONE SYSTEM
455/422.1 .Zoned or cellular telephone system
455/423 ..Diagnostic testing, malfunction indication,
or electrical condition measurement
- 3 455/507 (0 OR, 3 XR)
Class 455 : TELECOMMUNICATIONS
455/39 TRANSMITTER AND RECEIVER AT SEPARATE STATIONS
455/500 .Plural transmitters or receivers (i.e., more
than two stations)
455/507 ..Central station (e.g., master, etc.)
- 3 455/552.1 (1 OR, 2 XR)
Class 455 : TELECOMMUNICATIONS
455/73 TRANSMITTER AND RECEIVER AT SAME STATION (E.G.
TRANSCEIVER)
455/550.1 .Radiotelephone equipment detail
455/552.1 ..Operable on more than one system
- 3 600/301 (1 OR, 2 XR)
Class 600 : SURGERY
600/300 DIAGNOSTIC TESTING
600/301 .Via monitoring a plurality of physiological
data, e.g., pulse and blood pressure
- 3 606/40 (2 OR, 1 XR)
Class 606 : SURGERY
606/1 INSTRUMENTS
606/32 .Electrical application
606/34 ..Systems
606/40 ...Coagulation
- 3 701/300 (0 OR, 3 XR)
Class 701 : DATA PROCESSING: VEHICLES, NAVIGATION, AND
RELATIVE LOCATION
701/300 RELATIVE LOCATION
- 3 708/109 (1 OR, 2 XR)
Class 708 : ELECTRICAL COMPUTERS: ARITHMETIC PROCESSING
AND CALCULATING
708/100 ELECTRICAL DIGITAL CALCULATING COMPUTER
708/105 .Combined with diverse art device
708/109 ..Communication device (e.g., telephone, radio

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television)

- 3 725/133 (1 OR, 2 XR)
Class 725 : INTERACTIVE VIDEO DISTRIBUTION SYSTEMS
725/105 VIDEO DISTRIBUTION SYSTEM WITH UPSTREAM
COMMUNICATION
725/131 .Receiver (e.g., set-top box)
725/133 ..With diverse device (e.g., personal computer
game player, VCR, etc.)
- 3 725/68 (0 OR, 3 XR)
Class 725 : INTERACTIVE VIDEO DISTRIBUTION SYSTEMS
725/63 SATELLITE VIDEO DISTRIBUTION SYSTEM
725/68 .Receiver
- 2 102/202.5 (0 OR, 2 XR)
Class 102 : AMMUNITION AND EXPLOSIVES
102/200 IGNITING DEVICES AND SYSTEMS
102/202.5 .Electrical primer or ignitor
- 2 219/121.54 (0 OR, 2 XR)
Class 219 : ELECTRIC HEATING
219/50 METAL HEATING (E.G., RESISTANCE HEATING)
219/121.11 .By arc
219/121.36 ..Using plasma
219/121.54 ...Control systems
- 2 219/121.57 (0 OR, 2 XR)
Class 219 : ELECTRIC HEATING
219/50 METAL HEATING (E.G., RESISTANCE HEATING)
219/121.11 .By arc
219/121.36 ..Using plasma
219/121.54 ...Control systems
219/121.57Arc ignition
- 2 235/380 (1 OR, 1 XR)
Class 235 : REGISTERS
235/375 SYSTEMS CONTROLLED BY DATA BEARING RECORDS
235/380 .Credit or identification card systems
- 2 235/462.15 (0 OR, 2 XR)
Class 235 : REGISTERS
235/435 CODED RECORD SENSORS
235/439 .Particular sensor structure
235/454 ..Optical
235/462.01 ...Bar code
235/462.15Programming or computer interface feature

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- 2 235/462.46 (0 OR, 2 XR)
Class 235 : REGISTERS
235/435 CODED RECORD SENSORS
235/439 .Particular sensor structure
235/454 ..Optical
235/462.01 ...Bar code
235/462.43Specified housing or mounting detail
235/462.45Hand-held (e.g., portable)
235/462.46Wireless link (e.g., RF, IR, etc.)
- 2 235/472.01 (1 OR, 1 XR)
Class 235 : REGISTERS
235/435 CODED RECORD SENSORS
235/439 .Particular sensor structure
235/454 ..Optical
235/472.01 ...Hand-held (e.g., portable)
- 2 323/351 (0 OR, 2 XR)
Class 323 : ELECTRICITY: POWER SUPPLY OR REGULATION SYSTEMS
323/318 EXTERNAL OR OPERATOR CONTROLLED
323/349 .Using a three or more terminal semiconductive device as the final control device
323/351 ..Switched (e.g., switching regulators)
- 2 327/105 (0 OR, 2 XR)
Class 327 : MISCELLANEOUS ACTIVE ELECTRICAL NONLINEAR DEVICES, CIRCUITS, AND SYSTEMS
327/100 SIGNAL CONVERTING, SHAPING, OR GENERATING
327/105 .Synthesizer
- 2 327/538 (0 OR, 2 XR)
Class 327 : MISCELLANEOUS ACTIVE ELECTRICAL NONLINEAR DEVICES, CIRCUITS, AND SYSTEMS
327/524 SPECIFIC IDENTIFIABLE DEVICE, CIRCUIT, OR SYSTEM
327/530 .With specific source of supply or bias voltage
e
327/538 ..Stabilized (e.g., compensated, regulated, maintained, etc.)
- 2 329/300 (2 OR, 0 XR)
Class 329 : DEMODULATORS
329/300 FREQUENCY SHIFT KEYING OR MINIMUM SHIFT KEYING DEMODULATOR

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2 330/110 (0 OR, 2 XR)
Class 330 : AMPLIFIERS
330/75 SIGNAL FEEDBACK
330/110 .Nonlinear impedance element in loop path

2 330/126 (0 OR, 2 XR)
Class 330 : AMPLIFIERS
330/124R WITH PLURAL AMPLIFIER CHANNELS (E.G., PARALLEL
AMPLIFIER CHANNELS)
330/126 .Amplifying different frequencies in different
channels

2 330/151 (0 OR, 2 XR)
Class 330 : AMPLIFIERS
330/151 WITH AMPLIFIER BYPASS MEANS (E.G., FORWARD
FEED)

2 330/2 (2 OR, 0 XR)
Class 330 : AMPLIFIERS
330/2 WITH AMPLIFIER CONDITION INDICATING OR TESTING
MEANS

2 330/279 (0 OR, 2 XR)
Class 330 : AMPLIFIERS
330/250 WITH SEMICONDUCTOR AMPLIFYING DEVICE (E.G.,
TRANSISTOR)
330/278 .Including gain control means
330/279 ..And significant control voltage developing
means

2 330/285 (1 OR, 1 XR)
Class 330 : AMPLIFIERS
330/250 WITH SEMICONDUCTOR AMPLIFYING DEVICE (E.G.,
TRANSISTOR)
330/278 .Including gain control means
330/285 ..Having particular biasing means

2 330/304 (0 OR, 2 XR)
Class 330 : AMPLIFIERS
330/250 WITH SEMICONDUCTOR AMPLIFYING DEVICE (E.G.,
TRANSISTOR)
330/302 .Including frequency-responsive means in the
signal transmission path
330/304 ..And equalizing means

2 333/100 (2 OR, 0 XR)
Class 333 : WAVE TRANSMISSION LINES AND NETWORKS

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333/1 PLURAL CHANNEL SYSTEMS
333/100 .Having branched circuits

2 333/136 (0 OR, 2 XR)
Class 333 : WAVE TRANSMISSION LINES AND NETWORKS
333/1 PLURAL CHANNEL SYSTEMS
333/100 .Having branched circuits
333/136 ..Including long line element

2 340/3.43 (1 OR, 1 XR)
Class 340 : COMMUNICATIONS: ELECTRICAL
340/825 SELECTIVE
340/3.1 .Monitoring in addition to control (e.g.,
supervisory)
340/3.43 ..Fault condition detection

2 340/3.7 (0 OR, 2 XR)
Class 340 : COMMUNICATIONS: ELECTRICAL
340/825 SELECTIVE
340/3.1 .Monitoring in addition to control (e.g.,
supervisory)
340/3.7 ..Including indicator

2 340/310.02 (1 OR, 1 XR)
Class 340 : COMMUNICATIONS: ELECTRICAL
340/286.01 SYSTEMS
340/310.01 .Signal over power line
340/310.02 ..Modulation technique

2 340/310.07 (0 OR, 2 XR)
Class 340 : COMMUNICATIONS: ELECTRICAL
340/286.01 SYSTEMS
340/310.01 .Signal over power line
340/310.07 ..With inductive coupling (e.g., transformer o
r
torroid)

2 340/539.1 (0 OR, 2 XR)
Class 340 : COMMUNICATIONS: ELECTRICAL
340/500 CONDITION RESPONSIVE INDICATING SYSTEM
340/531 .With particular coupling link
340/539.1 ..Radio

2 340/7.21 (1 OR, 1 XR)
Class 340 : COMMUNICATIONS: ELECTRICAL
340/825 SELECTIVE
340/825.36 .Having indication or alarm (e.g., location
indication)

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340/7.2 ..Code responsive (i.e., paging)
340/7.21 ...Two-way paging

2 340/7.22 (0 OR, 2 XR)
Class 340 : COMMUNICATIONS: ELECTRICAL
340/825 SELECTIVE
340/825.36 .Having indication or alarm (e.g., location
 indication)
340/7.2 ..Code responsive (i.e., paging)
340/7.21 ...Two-way paging
340/7.22 Acknowledgment of message receipt

2 340/870.07 (1 OR, 1 XR)
Class 340 : COMMUNICATIONS: ELECTRICAL
340/870.01 CONTINUOUSLY VARIABLE INDICATING (E.G.,
 TELEMETERING)
340/870.07 .Combined (TM system with other system)

2 340/870.11 (0 OR, 2 XR)
Class 340 : COMMUNICATIONS: ELECTRICAL
340/870.01 CONTINUOUSLY VARIABLE INDICATING (E.G.,
 TELEMETERING)
340/870.11 .Plural transmitters

2 342/387 (0 OR, 2 XR)
Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
 AND DEVICES
342/350 DIRECTIVE
342/385 .Beacon or receiver
342/386 ..With transmission of bearing or position
 determinative signals
342/387 ...Iso-chronic type

2 342/450 (0 OR, 2 XR)
Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
 AND DEVICES
342/350 DIRECTIVE
342/450 .Position indicating (e.g., triangulation)

2 343/713 (0 OR, 2 XR)
Class 343 : COMMUNICATIONS: RADIO WAVE ANTENNAS
343/700R ANTENNAS
343/711 .With vehicle
343/713 ..Supported by vehicle body

2 343/846 (0 OR, 2 XR)
Class 343 : COMMUNICATIONS: RADIO WAVE ANTENNAS
343/700R ANTENNAS

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343/846 .With grounding structure (including counterpoises)

2 343/895 (0 OR, 2 XR)
Class 343 : COMMUNICATIONS: RADIO WAVE ANTENNAS
343/700R ANTENNAS
343/895 .Spiral or helical type

2 348/211.2 (1 OR, 1 XR)
Class 348 : TELEVISION
348/207.99 CAMERA, SYSTEM AND DETAIL
348/211.99 .Remote control
348/211.1 ..Communication methods
348/211.2 ...Wireless

2 348/22 (1 OR, 1 XR)
Class 348 : TELEVISION
348/22 SLOW SCANNING TRANSMISSION (E.G., STILL FRAME)

2 361/683 (0 OR, 2 XR)
Class 361 : ELECTRICITY: ELECTRICAL SYSTEMS AND DEVICES
361/600 HOUSING OR MOUNTING ASSEMBLIES WITH DIVERSE ELECTRICAL COMPONENTS
361/679 .For electronic systems and devices
361/683 ..Computer related support

2 361/730 (0 OR, 2 XR)
Class 361 : ELECTRICITY: ELECTRICAL SYSTEMS AND DEVICES
361/600 HOUSING OR MOUNTING ASSEMBLIES WITH DIVERSE ELECTRICAL COMPONENTS
361/679 .For electronic systems and devices
361/728 ..Module
361/729 ...Plural
361/730With housing

2 370/321 (0 OR, 2 XR)
Class 370 : MULTIPLEX COMMUNICATIONS
370/310 COMMUNICATION OVER FREE SPACE
370/315 .Repeater
370/316 ..Airborne or space satellite repeater
370/319 ...Multiple access (e.g., FDMA)
370/321Time division (TDMA)

2 370/331 (1 OR, 1 XR)
Class 370 : MULTIPLEX COMMUNICATIONS

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370/310 COMMUNICATION OVER FREE SPACE
 370/328 .Having a plurality of contiguous regions
 served by respective fixed stations
 370/329 ..Channel assignment
 370/331 ...Hand-off control

2 370/347 (0 OR, 2 XR)
 Class 370 : MULTIPLEX COMMUNICATIONS
 370/310 COMMUNICATION OVER FREE SPACE
 370/345 .Combining or distributing information via time
 e
 channels
 370/347 ..Multiple access (e.g., TDMA)

2 370/349 (1 OR, 1 XR)
 Class 370 : MULTIPLEX COMMUNICATIONS
 370/310 COMMUNICATION OVER FREE SPACE
 370/345 .Combining or distributing information via time
 e
 channels
 370/349 ..Using messages having an address field as header

2 370/401 (0 OR, 2 XR)
 Class 370 : MULTIPLEX COMMUNICATIONS
 370/351 PATHFINDING OR ROUTING
 370/389 .Switching a message which includes an address header
 370/400 ..Having a plurality of nodes performing distributed switching
 370/401 ...Bridge or gateway between networks

2 370/522 (0 OR, 2 XR)
 Class 370 : MULTIPLEX COMMUNICATIONS
 370/473 ..Transmission of a single message having multiple packets
 370/498 .Combining or distributing information via time
 e
 channels
 370/522 ..Signaling (ancillary to main information)

2 375/216 (0 OR, 2 XR)
 Class 375 : PULSE OR DIGITAL COMMUNICATIONS
 375/216 APPARATUS CONVERTIBLE TO ANALOG

2 375/220 (0 OR, 2 XR)
 Class 375 : PULSE OR DIGITAL COMMUNICATIONS
 375/219 TRANSCEIVERS

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375/220 .Transmission interface between two stations o

r

terminals

2 375/261 (1 OR, 1 XR)

Class 375 : PULSE OR DIGITAL COMMUNICATIONS
375/259 SYSTEMS USING ALTERNATING OR PULSATING CURRENT

375/260 .Plural channels for transmission of a single
pulse train

375/261 ..Quadrature amplitude modulation

2 375/269 (1 OR, 1 XR)

Class 375 : PULSE OR DIGITAL COMMUNICATIONS
375/259 SYSTEMS USING ALTERNATING OR PULSATING CURRENT

375/268 .Amplitude modulation

375/269 ..With phase or frequency shift keying

2 375/298 (0 OR, 2 XR)

Class 375 : PULSE OR DIGITAL COMMUNICATIONS
375/295 TRANSMITTERS
375/298 .Quadrature amplitude modulation

2 375/324 (0 OR, 2 XR)

Class 375 : PULSE OR DIGITAL COMMUNICATIONS
375/316 RECEIVERS
375/322 .Angle modulation
375/324 ..Particular demodulator

2 375/329 (0 OR, 2 XR)

Class 375 : PULSE OR DIGITAL COMMUNICATIONS
375/316 RECEIVERS
375/322 .Angle modulation
375/329 ..Phase shift keying

2 375/334 (0 OR, 2 XR)

Class 375 : PULSE OR DIGITAL COMMUNICATIONS
375/316 RECEIVERS
375/322 .Angle modulation
375/334 ..Frequency shift keying

2 375/344 (0 OR, 2 XR)

Class 375 : PULSE OR DIGITAL COMMUNICATIONS
375/316 RECEIVERS
375/344 .Automatic frequency control

2 375/356 (0 OR, 2 XR)

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Class 375 : PULSE OR DIGITAL COMMUNICATIONS
375/354 SYNCHRONIZERS
375/356 .Network synchronizing more than two stations

2 375/357 (0 OR, 2 XR)
Class 375 : PULSE OR DIGITAL COMMUNICATIONS
375/354 SYNCHRONIZERS
375/357 .Synchronization failure prevention

2 375/365 (0 OR, 2 XR)
Class 375 : PULSE OR DIGITAL COMMUNICATIONS
375/354 SYNCHRONIZERS
375/362 .Frequency or phase control using synchronizin
g
375/365 signal
.Synchronization word

2 375/377 (1 OR, 1 XR)
Class 375 : PULSE OR DIGITAL COMMUNICATIONS
375/377 MISCELLANEOUS

2 379/1.01 (1 OR, 1 XR)
Class 379 : TELEPHONIC COMMUNICATIONS
379/1.01 DIAGNOSTIC TESTING, MALFUNCTION INDICATION, OR
ELECTRICAL CONDITION MEASUREMENT

2 379/100.01 (0 OR, 2 XR)
Class 379 : TELEPHONIC COMMUNICATIONS
379/90.01 TELEPHONE LINE OR SYSTEM COMBINED WITH DIVERSE
ELECTRICAL SYSTEM OR SIGNALLING (E.G., COM
POSITE)
379/100.01 .To produce visual-graphic copy (e.g.,
facsimile)

2 379/106.02 (0 OR, 2 XR)
Class 379 : TELEPHONIC COMMUNICATIONS
379/90.01 TELEPHONE LINE OR SYSTEM COMBINED WITH DIVERSE
ELECTRICAL SYSTEM OR SIGNALLING (E.G., CO
MPOSITE)
379/106.01 .Remote indication over telephone line (e.g.,
telemetry)
379/106.02 ..Patient monitoring

2 379/106.07 (2 OR, 0 XR)
Class 379 : TELEPHONIC COMMUNICATIONS
379/90.01 TELEPHONE LINE OR SYSTEM COMBINED WITH DIVERSE
ELECTRICAL SYSTEM OR SIGNALLING (E.G., C

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OMPOSITE)

379/106.01 .Remote indication over telephone line (e.g.,
 telemetry)
379/106.03 ..Meter reading
379/106.07 ...Having interrogation signal

2 379/158 (0 OR, 2 XR)

Class 379 : TELEPHONIC COMMUNICATIONS
379/156 MULTI-LINE OR KEY SUBSTATION SYSTEM WITH
 SELECTIVE SWITCHING AND CENTRAL SWITCHING

OFFICE CONNECTION

379/157 .With special service
379/158 ..Conferencing

2 379/159 (2 OR, 0 XR)

Class 379 : TELEPHONIC COMMUNICATIONS
379/156 MULTI-LINE OR KEY SUBSTATION SYSTEM WITH
 SELECTIVE SWITCHING AND CENTRAL SWITCHING

OFFICE CONNECTION

379/159 .With intercom system

2 379/161 (0 OR, 2 XR)

Class 379 : TELEPHONIC COMMUNICATIONS
379/156 MULTI-LINE OR KEY SUBSTATION SYSTEM WITH
 SELECTIVE SWITCHING AND CENTRAL SWITCHING

OFFICE CONNECTION

379/161 .With exclusion or priority feature (e.g.,
 lockout or privacy)

2 379/164 (0 OR, 2 XR)

Class 379 : TELEPHONIC COMMUNICATIONS
379/156 MULTI-LINE OR KEY SUBSTATION SYSTEM WITH
 SELECTIVE SWITCHING AND CENTRAL SWITCHING

OFFICE CONNECTION

379/164 .Line status indication or call alerting

2 379/29.04 (0 OR, 2 XR)

Class 379 : TELEPHONIC COMMUNICATIONS
379/1.01 DIAGNOSTIC TESTING, MALFUNCTION INDICATION, OR
 ELECTRICAL CONDITION MEASUREMENT

379/27.01 .Testing of subscriber loop or terminal

379/29.01 ..Terminal arrangement to enable remote testin
g
 (e.g., testing interface)

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379/29.04 ...Voltage or current detector

2 379/38 (0 OR, 2 XR)
Class 379 : TELEPHONIC COMMUNICATIONS
379/37 EMERGENCY OR ALARM COMMUNICATIONS (E.G.,
 WATCHMAN'S CIRCUIT)
379/38 .Personal monitoring (e.g., for the ill or
 infirm)

2 379/45 (0 OR, 2 XR)
Class 379 : TELEPHONIC COMMUNICATIONS
379/37 EMERGENCY OR ALARM COMMUNICATIONS (E.G.,
 WATCHMAN'S CIRCUIT)
379/45 .Central office responsive to emergency call o
r
ay)
alarm (e.g., "911", operator position displ

2 379/93.01 (0 OR, 2 XR)
Class 379 : TELEPHONIC COMMUNICATIONS
379/90.01 TELEPHONE LINE OR SYSTEM COMBINED WITH DIVERSE
 ELECTRICAL SYSTEM OR SIGNALLING (E.G., COM
POSITE)
379/93.01 .Having transmission of a digital message
 signal over a telephone line

2 380/240 (0 OR, 2 XR)
Class 380 : CRYPTOGRAPHY
380/200 VIDEO CRYPTOGRAPHY
380/210 .Video electric signal modification (e.g.,
 scrambling)
380/240 ..Including addressed decoder control signal

2 380/269 (0 OR, 2 XR)
Class 380 : CRYPTOGRAPHY
380/255 COMMUNICATION SYSTEM USING CRYPTOGRAPHY
380/269 .Having compression

2 455/103 (0 OR, 2 XR)
Class 455 : TELECOMMUNICATIONS
455/91 TRANSMITTER
455/103 .Plural separate transmitters or channels

2 455/108 (0 OR, 2 XR)
Class 455 : TELECOMMUNICATIONS
455/91 TRANSMITTER
455/108 .Amplitude modulation

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- 2 455/117 (0 OR, 2 XR)
Class 455 : TELECOMMUNICATIONS
455/91 TRANSMITTER
455/117 .With electrical protection of transmitter
circuit or operator
- 2 455/129 (0 OR, 2 XR)
Class 455 : TELECOMMUNICATIONS
455/91 TRANSMITTER
455/129 .With coupled antenna
- 2 455/15 (2 OR, 0 XR)
Class 455 : TELECOMMUNICATIONS
455/7 CARRIER WAVE REPEATER OR RELAY SYSTEM (I.E.,
RETRANSMISSION OF SAME INFORMATION)
455/15 .Two separate way transmission
- 2 455/17 (1 OR, 1 XR)
Class 455 : TELECOMMUNICATIONS
455/7 CARRIER WAVE REPEATER OR RELAY SYSTEM (I.E.,
RETRANSMISSION OF SAME INFORMATION)
455/17 .Plural modulated carriers
- 2 455/20 (0 OR, 2 XR)
Class 455 : TELECOMMUNICATIONS
455/7 CARRIER WAVE REPEATER OR RELAY SYSTEM (I.E.,
RETRANSMISSION OF SAME INFORMATION)
455/20 .With frequency conversion
- 2 455/226.1 (1 OR, 1 XR)
Class 455 : TELECOMMUNICATIONS
455/130 RECEIVER OR ANALOG MODULATED SIGNAL FREQUENCY
CONVERTER
455/226.1 .Measuring or testing of receiver
- 2 455/226.2 (0 OR, 2 XR)
Class 455 : TELECOMMUNICATIONS
455/130 RECEIVER OR ANALOG MODULATED SIGNAL FREQUENCY
CONVERTER
455/226.1 .Measuring or testing of receiver
455/226.2 ..Signal strength
- 2 455/245.1 (0 OR, 2 XR)
Class 455 : TELECOMMUNICATIONS
455/130 RECEIVER OR ANALOG MODULATED SIGNAL FREQUENCY
CONVERTER
455/230 .Local control of receiver operation
455/232.1 ..Gain control

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455/234.1 ...Automatic
455/245.1 Automatic gain control signal derived from information signal

2 455/249.1 (0 OR, 2 XR)
 Class 455 : TELECOMMUNICATIONS
 455/130 RECEIVER OR ANALOG MODULATED SIGNAL FREQUENCY CONVERTER
 455/230 .Local control of receiver operation
 455/232.1 ..Gain control
 455/234.1 ...Automatic
 455/249.1 Variable attenuator type

2 455/296 (1 OR, 1 XR)
 Class 455 : TELECOMMUNICATIONS
 455/130 RECEIVER OR ANALOG MODULATED SIGNAL FREQUENCY CONVERTER
 455/296 .Noise or interference elimination

2 455/343.2 (0 OR, 2 XR)
 Class 455 : TELECOMMUNICATIONS
 455/130 RECEIVER OR ANALOG MODULATED SIGNAL FREQUENCY CONVERTER
 455/334 .With particular receiver circuit
 455/343.1 ..Having particular power or bias supply (including self-powered or battery saving means)
 455/343.2 ...Battery saving based on received signal

2 455/403 (0 OR, 2 XR)
 Class 455 : TELECOMMUNICATIONS
 455/403 RADIOTELEPHONE SYSTEM

2 455/418 (0 OR, 2 XR)
 Class 455 : TELECOMMUNICATIONS
 455/403 RADIOTELEPHONE SYSTEM
 455/418 .Programming control

2 455/424 (0 OR, 2 XR)
 Class 455 : TELECOMMUNICATIONS
 455/403 RADIOTELEPHONE SYSTEM
 455/422.1 .Zoned or cellular telephone system
 455/423 ..Diagnostic testing, malfunction indication, or electrical condition measurement
 455/424 ...System equipment

2 455/425 (0 OR, 2 XR)
 Class 455 : TELECOMMUNICATIONS

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455/403	RADIOTELEPHONE SYSTEM
455/422.1	.Zoned or cellular telephone system
455/423	..Diagnostic testing, malfunction indication, or electrical condition measurement
455/425	...Subscriber equipment

2 455/426.1 (0 OR, 2 XR)

Class 455	: TELECOMMUNICATIONS
455/403	RADIOTELEPHONE SYSTEM
455/422.1	.Zoned or cellular telephone system
455/426.1	..Including other radio communication system (e.g., cordless telephone, paging, trunking , etc.)

2 455/436 (1 OR, 1 XR)

Class 455	: TELECOMMUNICATIONS
455/403	RADIOTELEPHONE SYSTEM
455/422.1	.Zoned or cellular telephone system
455/436	..Handoff

2 455/445 (0 OR, 2 XR)

Class 455	: TELECOMMUNICATIONS
455/403	RADIOTELEPHONE SYSTEM
455/422.1	.Zoned or cellular telephone system
455/445	..Call routing (e.g., to prevent backhaul, routing efficiency, least cost, or alternat e routing)

2 455/502 (0 OR, 2 XR)

Class 455	: TELECOMMUNICATIONS
455/39	TRANSMITTER AND RECEIVER AT SEPARATE STATIONS
455/500	.Plural transmitters or receivers (i.e., more than two stations)
455/501	..Noise, distortion, or singing reduction
455/502	...Synchronized stations

2 455/521 (1 OR, 1 XR)

Class 455	: TELECOMMUNICATIONS
455/39	TRANSMITTER AND RECEIVER AT SEPARATE STATIONS
455/500	.Plural transmitters or receivers (i.e., more than two stations)
455/507	..Central station (e.g., master, etc.)
455/517	...To or from mobile station
455/521Emergency dispatch or response

2 455/524 (0 OR, 2 XR)

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Class 455 : TELECOMMUNICATIONS
455/39 TRANSMITTER AND RECEIVER AT SEPARATE STATIONS

455/500 .Plural transmitters or receivers (i.e., more than two stations)
455/507 ..Central station (e.g., master, etc.)
455/517 ...To or from mobile station
455/524Multiple base stations

551 (2 OR, 0 XR)

Class 455 : TELECOMMUNICATIONS
455/73 TRANSMITTER AND RECEIVER AT SAME STATION (E.G.

TRANSCEIVER)

455/550.1 .Radiotelephone equipment detail
455/551 ..Number assignment module (NAM) detail

558 (0 OR, 2 XR)

Class 455 : TELECOMMUNICATIONS
455/73 TRANSMITTER AND RECEIVER AT SAME STATION (E.G.

TRANSCEIVER)

455/550.1 .Radiotelephone equipment detail
455/557 ..Interface attached device (e.g., interface with modem, facsimile, computer, etc.)
455/558 ...Card control element

560 (1 OR, 1 XR)

Class 455 : TELECOMMUNICATIONS
455/73 TRANSMITTER AND RECEIVER AT SAME STATION (E.G.

TRANSCEIVER)

455/550.1 .Radiotelephone equipment detail
455/560 ..Switching unit detail (e.g., mobile telephone switching office (MTSO), base station contr
,
etc.)

562.1 (1 OR, 1 XR)

Class 455 : TELECOMMUNICATIONS
455/73 TRANSMITTER AND RECEIVER AT SAME STATION (E.G.

TRANSCEIVER)

455/550.1 .Radiotelephone equipment detail
455/561 ..Base station detail
455/562.1 ...Having specific antenna arrangement

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600/300 DIAGNOSTIC TESTING

- 2 600/390 (0 OR, 2 XR)
Class 600 : SURGERY
600/300 DIAGNOSTIC TESTING
600/372 .Structure of body-contacting electrode or
 electrode inserted in body
600/386 ..Means for attaching electrode to body
600/390 ...Belt or strap
- 2 600/508 (1 OR, 1 XR)
Class 600 : SURGERY
600/300 DIAGNOSTIC TESTING
600/481 .Cardiovascular
600/508 ..Heart
- 2 700/2 (1 OR, 1 XR)
Class 700 : DATA PROCESSING: GENERIC CONTROL SYSTEMS OR
 SPECIFIC APPLICATIONS
700/1 GENERIC CONTROL SYSTEM, APPARATUS OR PROCESS
700/2 .Plural processors
- 2 701/213 (0 OR, 2 XR)
Class 701 : DATA PROCESSING: VEHICLES, NAVIGATION, AND
 RELATIVE LOCATION
701/200 NAVIGATION
701/207 ..Employing position determining equipment
701/213 ..Using Global Positioning System (GPS)
- 2 705/1 (2 OR, 0 XR)
Class 705 : DATA PROCESSING: FINANCIAL, BUSINESS
 PRACTICE, MANAGEMENT, OR COST/PRICE DETERMIN
ATION
705/1 AUTOMATED ELECTRICAL FINANCIAL OR BUSINESS
 PRACTICE OR MANAGEMENT ARRANGEMENT
- 2 705/412 (0 OR, 2 XR)
Class 705 : DATA PROCESSING: FINANCIAL, BUSINESS
 PRACTICE, MANAGEMENT, OR COST/PRICE DETERMIN
ATION
705/400 FOR COST/PRICE
705/412 .Utility usage
- 2 709/229 (1 OR, 1 XR)
Class 709 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
 SYSTEMS: MULTIPLE COMPUTER OR PROCESS COO
RDINATING
709/200 MULTICOMPILER DATA TRANSFERRING

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709/227	.Computer-to-computer session/connection establishing
709/229	..Network resources access controlling
2 710/303	(1 OR, 1 XR)
Class 710	: ELECTRICAL COMPUTERS AND DIGITAL DATA PROCESSING SYSTEMS: INPUT/OUTPUT
710/100	INTRASYSTEM CONNECTION (E.G., BUS AND BUS TRANSACTION PROCESSING)
710/300	.Bus expansion or extension
710/303	..Docking station
2 710/5	(2 OR, 0 XR)
Class 710	: ELECTRICAL COMPUTERS AND DIGITAL DATA PROCESSING SYSTEMS: INPUT/OUTPUT
710/1	INPUT/OUTPUT DATA PROCESSING
710/5	.Input/Output command process
2 711/147	(0 OR, 2 XR)
Class 711	: ELECTRICAL COMPUTERS AND DIGITAL PROCESSING SYSTEMS: MEMORY
711/100	STORAGE ACCESSING AND CONTROL
711/147	.Shared memory area
2 712/32	(0 OR, 2 XR)
Class 712	: ELECTRICAL COMPUTERS AND DIGITAL PROCESSING SYSTEMS: PROCESSING ARCHITECTURES AND INS TRUCTION
712/1	PROCESSING
712/32	PROCESSING ARCHITECTURE
	.Microprocessor or multichip or multimodule processor having sequential program control
2 712/35	(0 OR, 2 XR)
Class 712	: ELECTRICAL COMPUTERS AND DIGITAL PROCESSING SYSTEMS: PROCESSING ARCHITECTURES AND INS TRUCTION
712/1	PROCESSING
712/32	PROCESSING ARCHITECTURE
	.Microprocessor or multichip or multimodule processor having sequential program contr ol
712/34	..Including coprocessor
712/35	...Digital Signal processor
2 713/321	(1 OR, 1 XR)
Class 713	: ELECTRICAL COMPUTERS AND DIGITAL PROCESSING

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SYSTEMS: SUPPORT
713/300 COMPUTER POWER CONTROL
713/320 .Power conservation
713/321 ..Programmable calculator with power saving
feature

2 725/34 (0 OR, 2 XR)
Class 725 : INTERACTIVE VIDEO DISTRIBUTION SYSTEMS
725/32 PROGRAM, MESSAGE, OR COMMERCIAL INSERTION OR
SUBSTITUTION
725/34 .Specific to individual user or household